



dRGT Massive Gravity and Black Holes

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- dRGT Massive Gravity
 - Spin-2 massive graviton
 - Long-range modification
 - Nonlinear theory w/o Boulware-Deser ghost

$$S = \frac{M_p^2}{2} \int \sqrt{-g} d^4x \left[R(g_{\mu\nu}) + 2m_g^2 (U_2 + \alpha_3 U_3 + \alpha_4 U_4) \right],$$



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○ dRGT Black Holes

- Spherically symmetric (analogous to Schwarzschild's)
- Cylindrically symmetric (analogous to Lemos' [1995])
- eff Cosmological-const contribution
- Contribution linear in radial coordinate
- Thermodynamics quantities & stability

